

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/104045 A2

(51) International Patent Classification⁷:

G07D 7/12

(21) International Application Number:

PCT/IB2005/001060

(22) International Filing Date: 15 April 2005 (15.04.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

04009513.5 22 April 2004 (22.04.2004) EP

(71) Applicant (for all designated States except US): KBA-GIORI S.A. [CH/CH]; 4, rue de la Paix, CH-1003 Lausanne (CH).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SCHAEDE, Johannes, Georg [DE/DE]; Max-Heim-Strasse 8, 97074 Würzburg (DE).

(74) Agent: GROSFILLIER, Philippe; c/o Bugnion S.A., Case Postale 375, CH-1211 Genève 12 (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

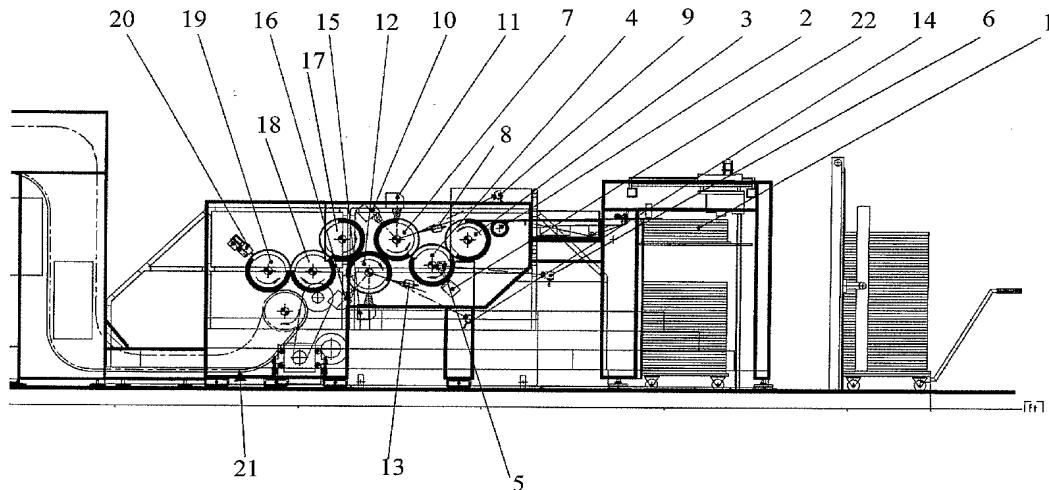
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INSPECTION MACHINE AND PROCESS



(57) **Abstract:** The machine comprises at least a first sheet inspection unit with an inspection cylinder (4) for transporting a printed sheet during inspection, an illumination means (5) and a camera (6) connected to an analysing device, an input transfer cylinder (3) to bring the printed sheet to the at least one inspection unit and an output transfer cylinder (17) to take away the printed sheet from the at least one inspection unit. The inspection unit and the transfer cylinders are arranged in such a manner that the output transfer cylinder (17) takes away the inspected printed sheet only once the inspection is completed.

WO 2005/104045 A2